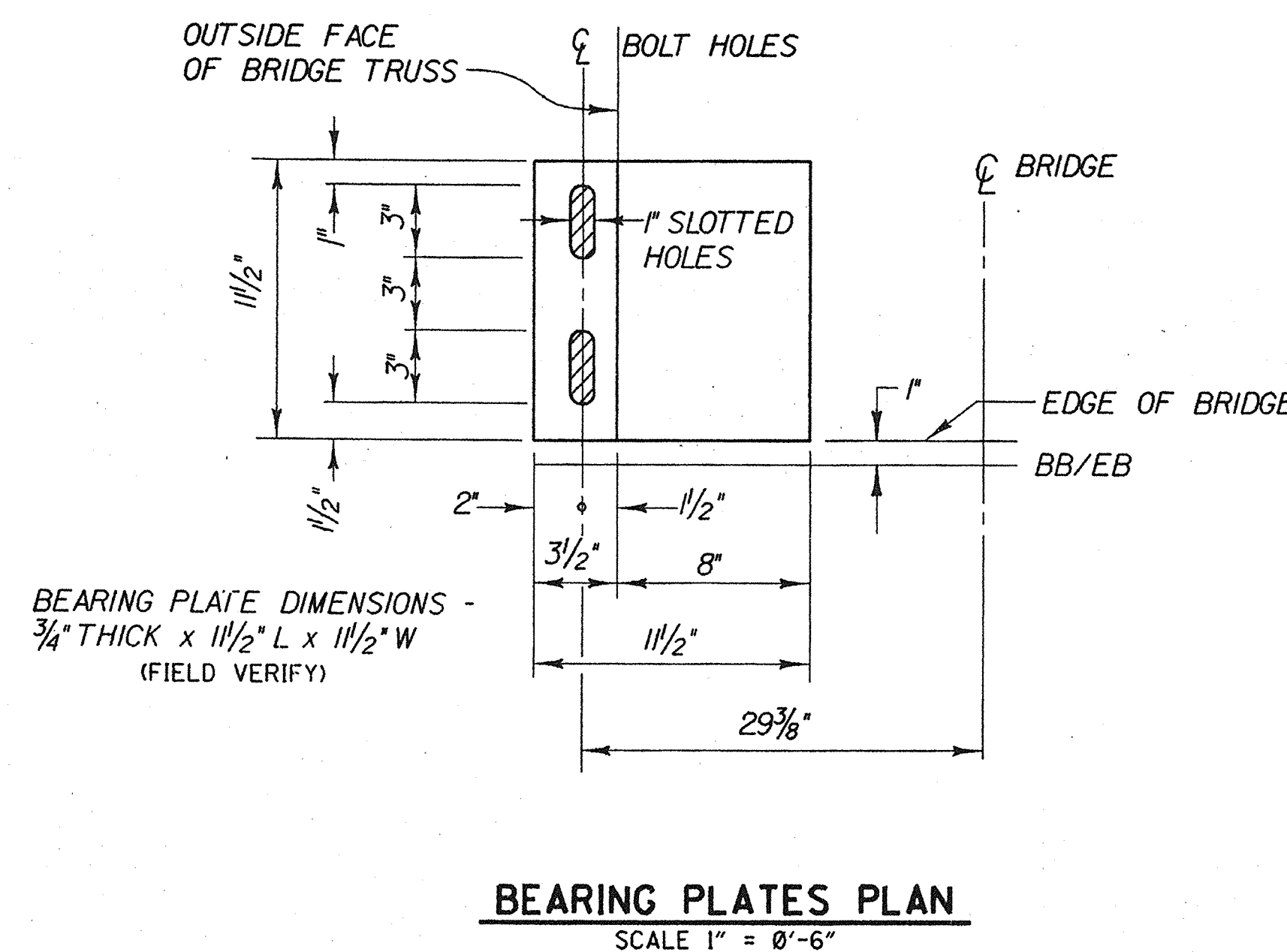
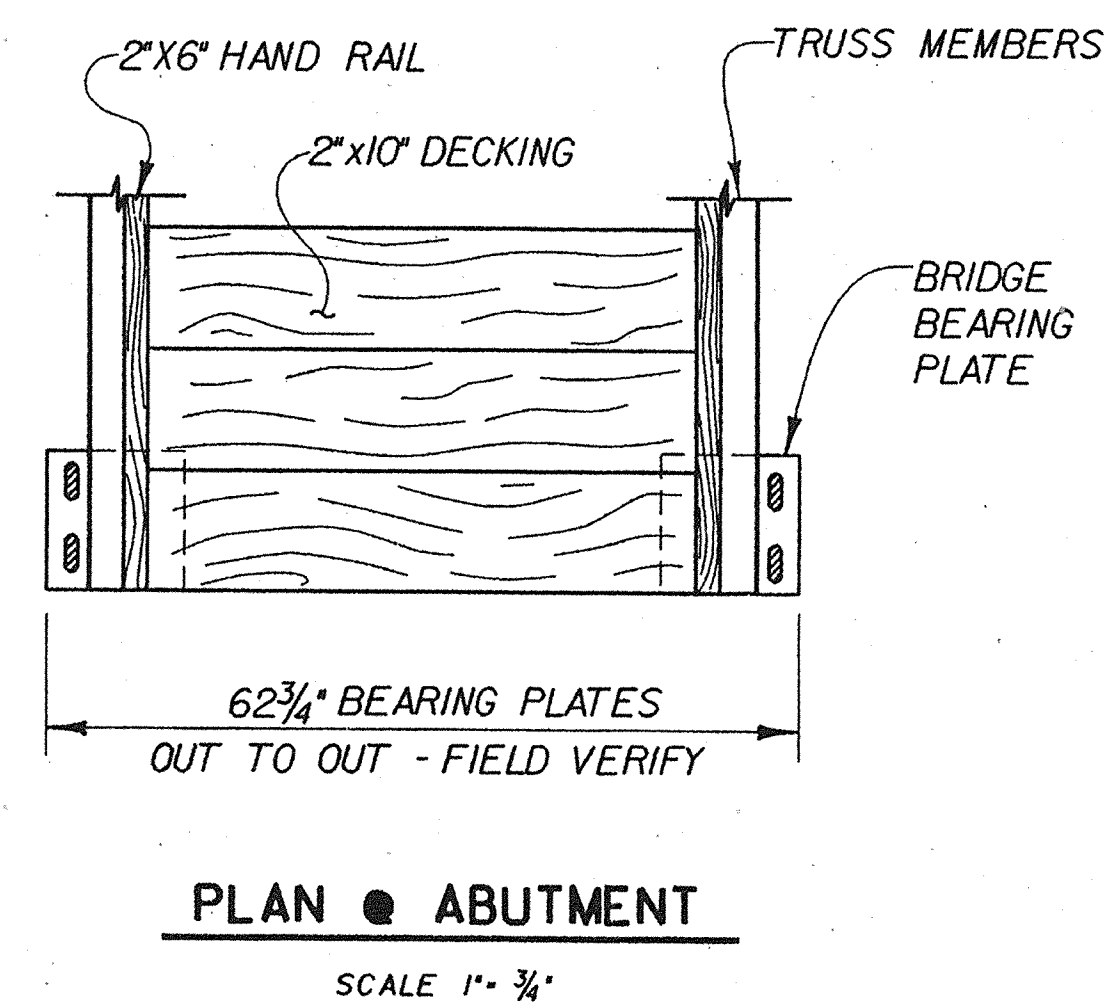
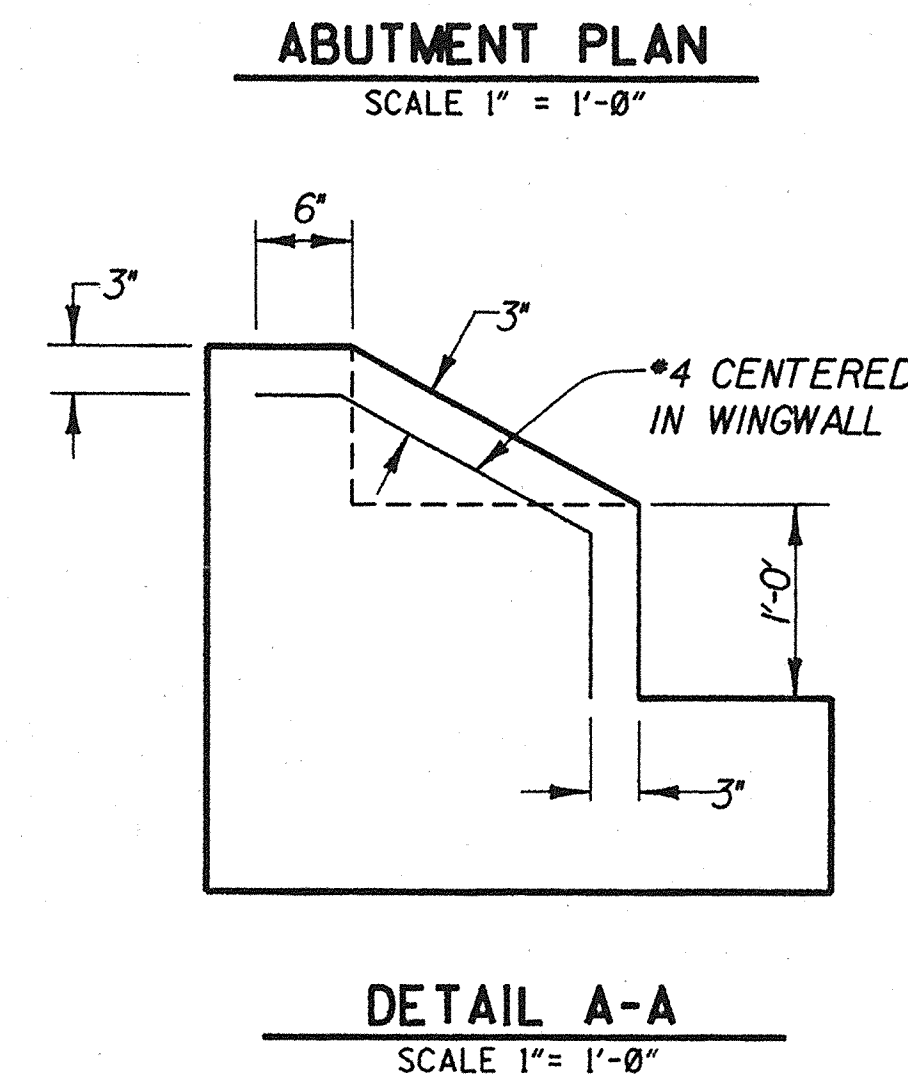
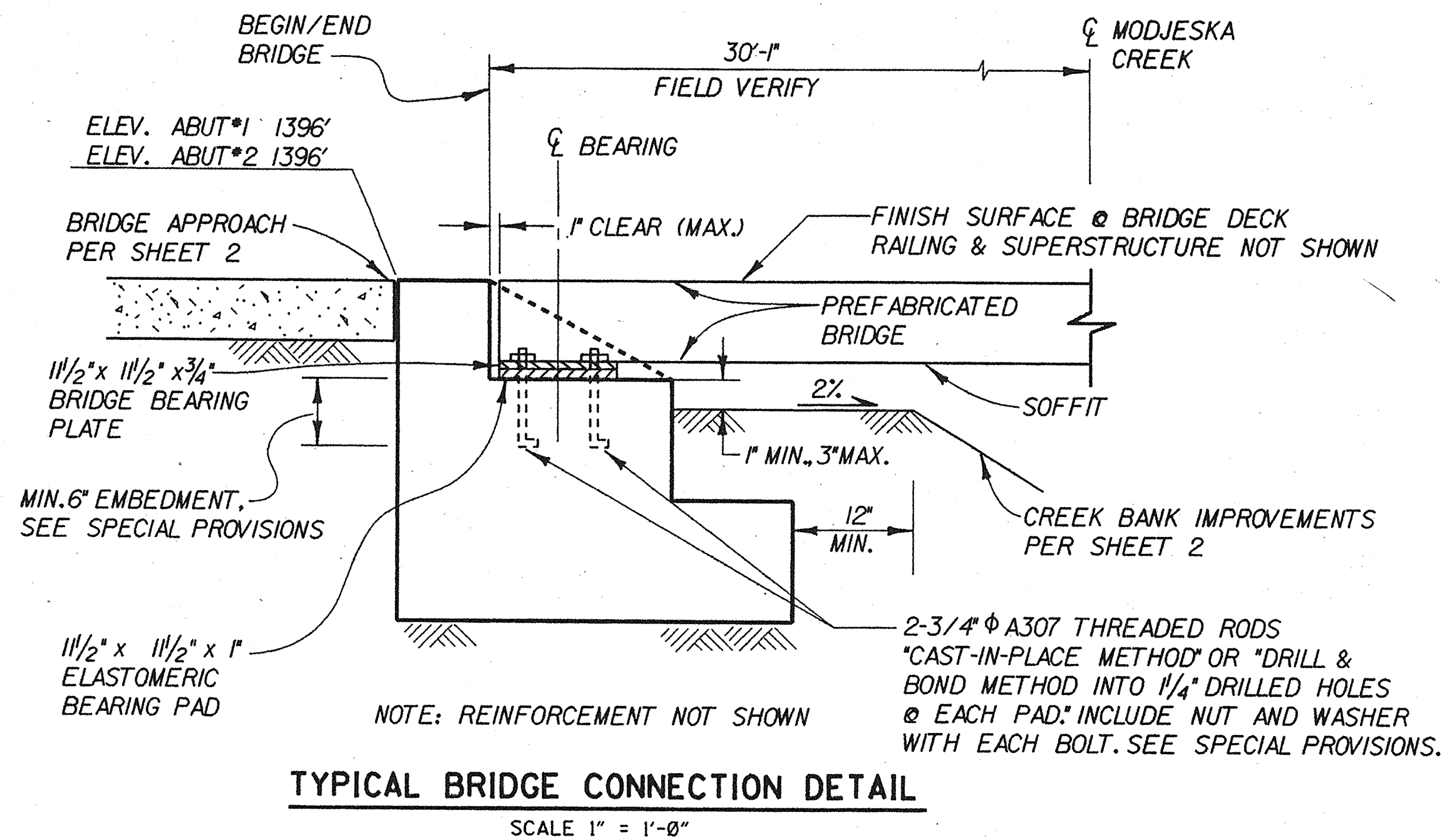
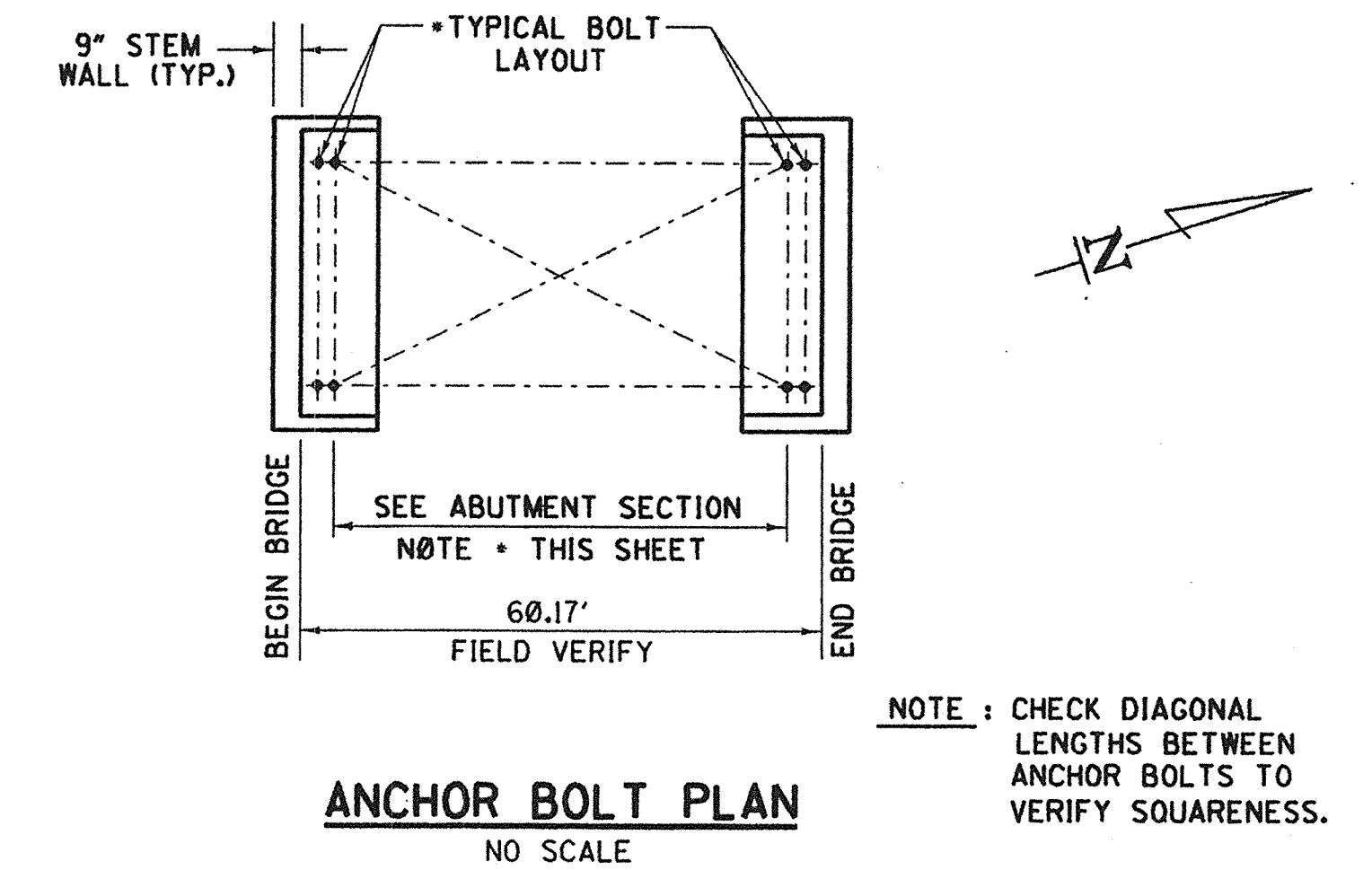
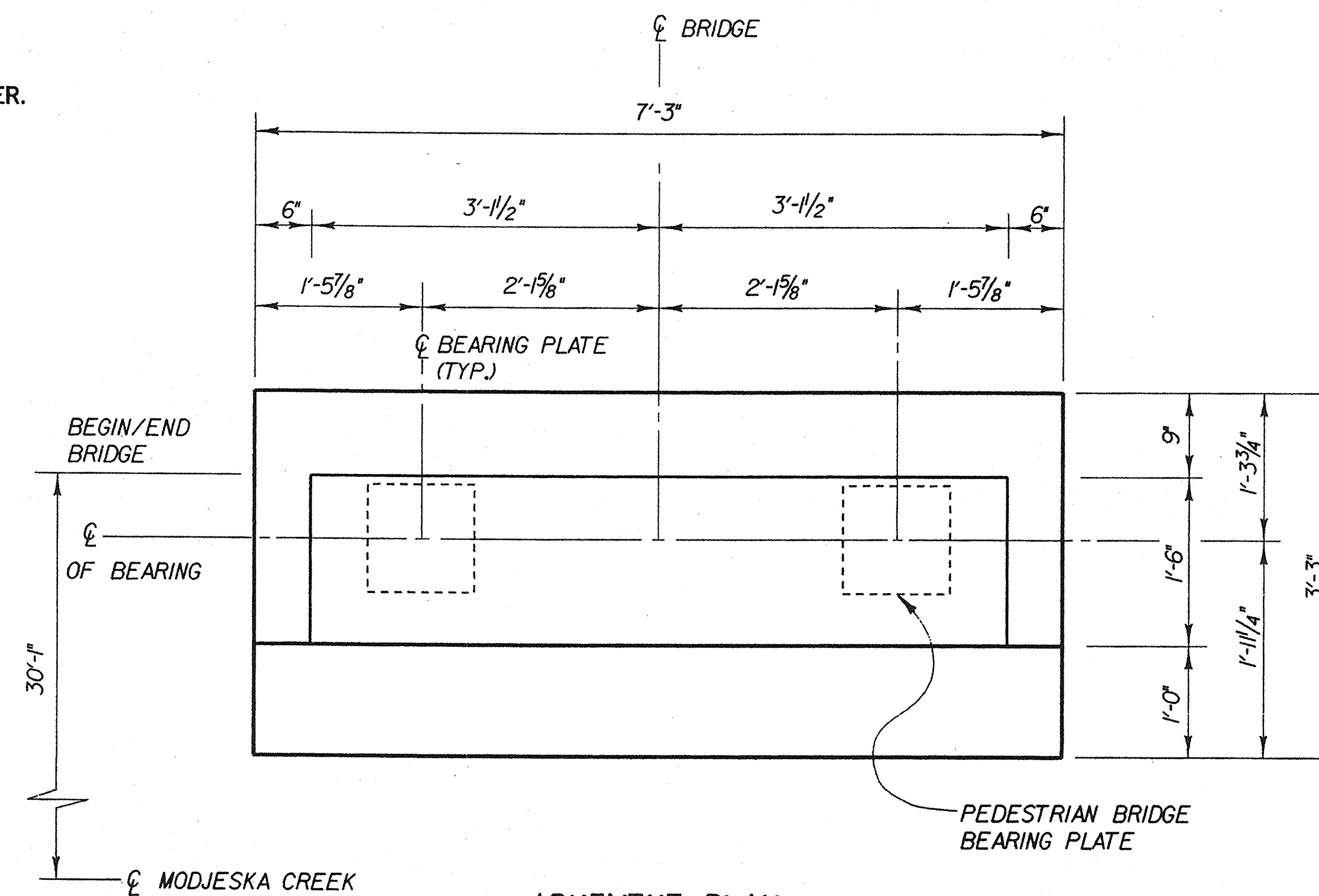
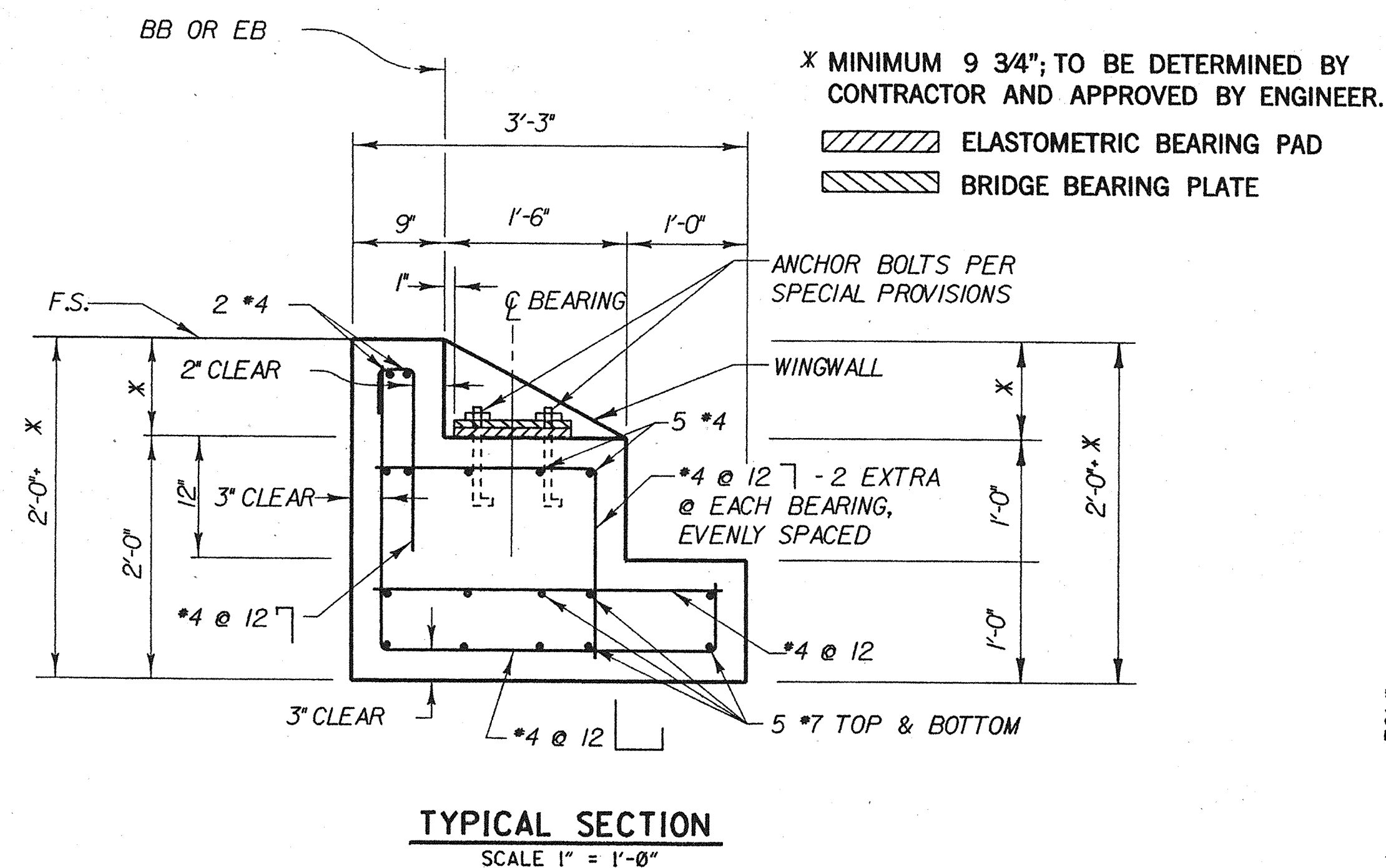




EXISTING PEDESTRIAN BRIDGE DESIGN CRITERIA AND HISTORY

EXISTING SINGLE-SPAN WEATHERING STEEL "PONY" TRUSS BRIDGE ORIGINALLY
DESIGNED FOR PLACEMENT IN FEATHERLY REGIONAL PARK AS:

"FEATHERLY REGIONAL PARK FOOTBRIDGE, PROJECT No. FE 19.5-1"

BRIDGE WAS DESIGNED BY CONTINENTAL BRIDGES, ALEXANDRIA, MN.
(1-800-328-2047).

DESIGN LOADS:

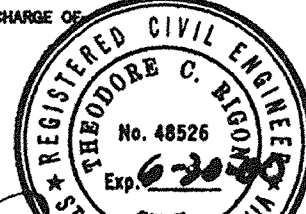
- *DISTRIBUTED: 85 POUNDS PER SQUARE FOOT OF DECK.*
- *CONCENTRATED: 1000 POUND LOAD ON 6" SQUARE AREA OF DECK.*
- *WIND LOAD: 30 POUNDS PER SQUARE FOOT OF PROJECTED SIDE AREA AS IF ENCLOSED (CORRESPONDS TO 120 MPH WIND).*

MATERIALS:

BOLTS AND NUTS: -ASTM A325 OR A490 FOR BOLTED STRUCTURAL STEEL CONNECTIONS.
- HOT-DIPPED GALVANIZED CARRIAGE BOLTS FOR ATTACHING WOOD DECKING OR RAILS TO STEEL STRUCTURE.

WELDING ELECTRODES: - E70XX WITH SAME CHARACTERISTICS AS
STEEL BASE METAL

STEEL: - BRIDGE STRUCTURAL STEEL TUBING, ASTM A500, GRADE B.
- MINIMUM YIELD 46KSI
- MINIMUM WALL THICKNESS $\frac{3}{16}$ INCH
- INCIDENTAL STEEL ANGLES AND PLATES ASTM A-36.

MARK	DATE	DESCRIPTION
R E V I S I O N S		
PREPARED UNDER RESPONSIBLE CHARGE OF 		
 THEODORE C. RIGONI DATE		

ORANGE COUNTY
PUBLIC FACILITIES AND RESOURCES DEPARTMENT

MODJESKA PRESERVE
PEDESTRIAN BRIDGE

BRIDGE
AND
ABUTMENT DETAILS

SHEET
5

DESIGNED <u>T. RIGONI</u>	
DRAWN <u>J. ESCUTIA</u>	CHECKED <u>F. KWAN</u>
SCALE AS SHOWN	DATE 9/97
DRAWING NO. E08-1	

OF 5